WEST Search History

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DATE: Tuesday, November 07, 2006

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☐	L3	L2 and "tetrahydro-"	142
☐	L2	514/292 and carboline	184
☐	L1	546/81 and carboline	20

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NEWS 4	AUG 28	ADISCTI Reloaded and Enhanced
NEWS 5	AUG 30	CA(SM)/CAplus(SM) Austrian patent law changes
NEWS 6	SEP 11	CA/CAplus enhanced with more pre-1907 records
NEWS 7	SEP 21	CA/CAplus fields enhanced with simultaneous left and right truncation
NEWS 8	SEP 25	CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS 9	SEP 25	CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS 10	SEP 25	CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS 11	SEP 28	CEABA-VTB classification code fields reloaded with new classification scheme
NEWS 12	OCT 19	LOGOFF HOLD duration extended to 120 minutes
NEWS 13	OCT 19	E-mail format enhanced
NEWS 14	OCT 23	Option to turn off MARPAT highlighting enhancements available
NEWS 15	OCT 23	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 16	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS 17	OCT 30	CHEMLIST enhanced with new search and display field
NEWS 18	NOV 03	JAPIO enhanced with IPC 8 features and functionality

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FILE 'HOME' ENTERED AT 14:55:30 ON 07 NOV 2006

=> file registry

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FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:55:45 ON 07 NOV 2006

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 NOV 2006 HIGHEST RN 912537-60-1
DICTIONARY FILE UPDATES: 6 NOV 2006 HIGHEST RN 912537-60-1

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=>
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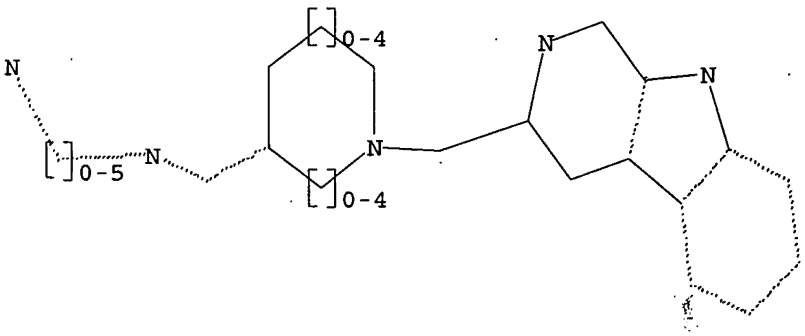
L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

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                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          421 TO     1179
PROJECTED ANSWERS:               0 TO        0

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100.0% PROCESSED     1023 ITERATIONS                               15 ANSWERS
SEARCH TIME: 00.00.01

L3           15 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   167.38     167.59

FILE 'CAPLUS' ENTERED AT 14:57:04 ON 07 NOV 2006
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FILE LAST UPDATED: 6 Nov 2006  (20061106/ED)

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=> s l3
L4            5 L3

=> d abs bib hitstr 1-5

L4   ANSWER 1 OF 5  CAPLUS  COPYRIGHT 2006 ACS on STN
GI
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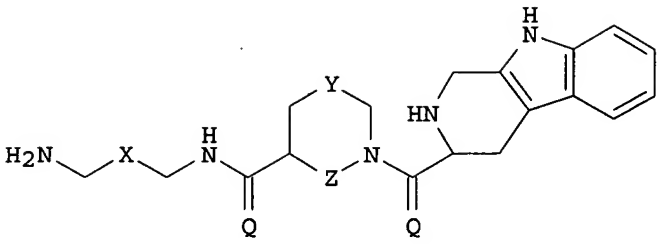


I

AB Title compds. [I; X = (CH2)x; Y = (CH2)y; Z = (CH2)z; x, y, z = 0-4; Q = O, H2; R (sic) = H, (substituted) alkyl, aryl, heterocyclyl], were prepared Thus, title compound I (X, Y, Z = CH2; Q = O), prepared by solid phase synthesis, was active in rats at 0.3 mg/kg orally in the forced swimming test and the light/dark box test.

AN 2005:1028083 CAPLUS

DN 143:326346

TI Preparation of tetrahydro-β-carbolines for treatment of neurological disease.

IN Burns, Mark R.

PA Mediquest Therapeutics, Inc., USA

SO U.S. Pat. Appl. Publ., 18 pp.
CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005209264	A1	20050922	US 2004-805222	20040322
	AU 2005225443	A1	20051006	AU 2005-225443	20050322
	WO 2005092335	A1	20051006	WO 2005-US9360	20050322
	WO 2005092335	B1	20060105		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

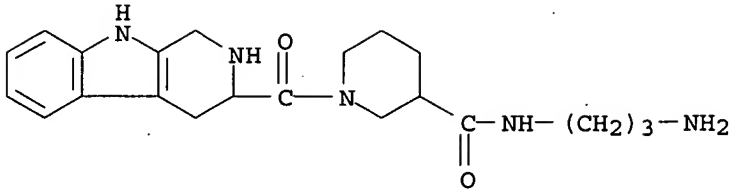
PRAI US 2004-805222 A 20040322
WO 2005-US9360 W 20050322

OS CASREACT 143:326346; MARPAT 143:326346

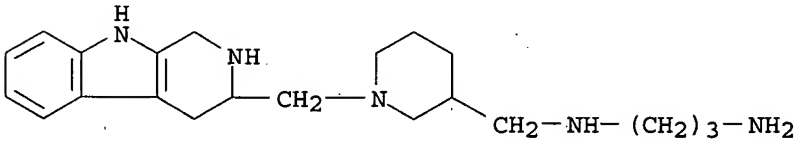
IT 864951-47-3P 864951-48-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(claimed compound; preparation of tetrahydro-β-carbolines for treatment of neurol. disease)

RN 864951-47-3 CAPLUS

CN 3-Piperidinecarboxamide, N-(3-aminopropyl)-1-[(2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indol-3-yl)carbonyl]- (9CI) (CA INDEX NAME)

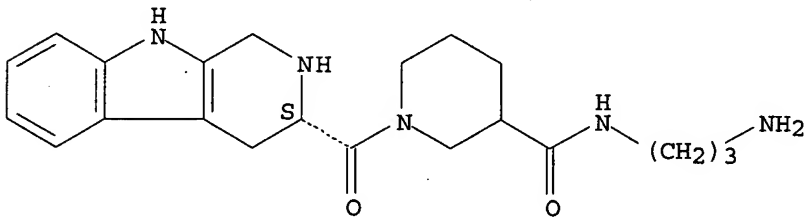


RN 864951-48-4 CAPLUS
CN 1,3-Propanediamine, N-[[1-[(2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indol-3-yl)methyl]-3-piperidinyl]methyl]- (9CI) (CA INDEX NAME)



IT 864951-49-5P 864951-50-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of tetrahydro-β-carbolines for treatment of neurol. disease)
RN 864951-49-5 CAPLUS
CN 3-Piperidinecarboxamide, N-(3-aminopropyl)-1-[[(3S)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indol-3-yl]carbonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

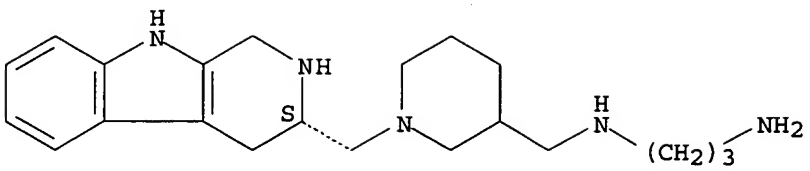
Absolute stereochemistry.



●2 HCl

RN 864951-50-8 CAPLUS
CN 1,3-Propanediamine, N-[[1-[[(3S)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indol-3-yl]methyl]-3-piperidinyl]methyl]-, pentahydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



●5 HCl

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

AB The invention relates to conjugates of peptides related to the sequence Ala-Arg-Pro-Ala-Lys (P6A) with (S)-1,2,3,4-tetrahydro-β-carboline-3-carboxylic acid for use as thrombolytic agents. Thus, 3S-1,2,3,4-tetrahydro-β-carboline-3-carboxyl-Ala-Arg-Pro-Ala-Lys-OH (11) was prepared by coupling of H-Ala-Arg(Tos)-Pro-Ala-Lys(ClZ)-OBzl.HCl (Tos = tosyl, ClZ = chlorobenzyloxycarbonyl; preparation given) with (S)-2-Boc-1,2,3,4-tetrahydro-β-carboline-3-carboxylic acid (Boc = tert-butoxycarbonyl), followed by deprotection with HF. Pseudopeptide 11 was assayed for thrombolytic activity in rats, showing a reduction in thrombolytic mass (x) of 14.01 ± 2.61 mg (vs. x = 18.844 ± 3.18 mg for P6A).

AN 2005:325686 CAPLUS

DN 142:374115

TI Preparation of carboline-3-carboxylic acid conjugates with peptide sequences related to Ala-Arg-Pro-Ala-Lys and their use as thrombolytic agent

IN Peng, Shiqi; Zhao, Ming; Wang, Chao; Wu, Yangfen

PA Peop. Rep. China

SO U.S. Pat. Appl. Publ., 29 pp.
CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005080015	A1	20050414	US 2003-680293	20031008
PRAI	US 2003-680293		20031008		

OS CASREACT 142:374115

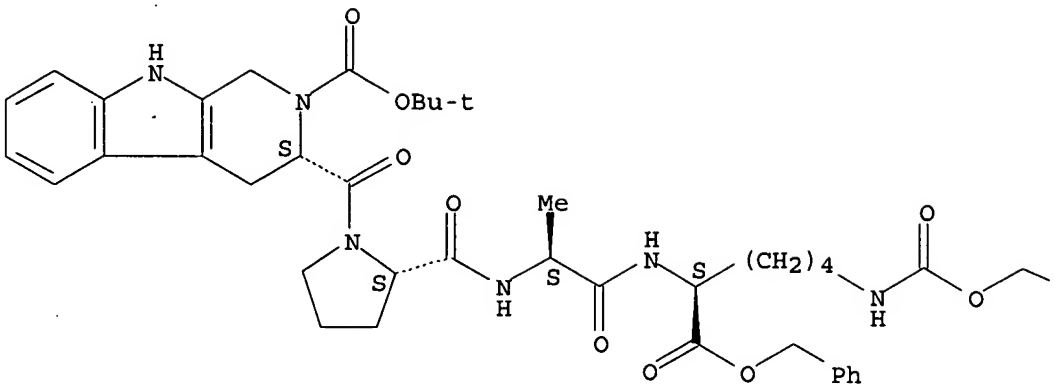
IT 666832-04-8P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of peptide-tetrahydrocarbolinecarboxylic acid conjugates as thrombolytic agents)

RN 666832-04-8 CAPLUS

CN L-Lysine, (3S)-2-[(1,1-dimethylethoxy)carbonyl]-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-carbonyl-L-prolyl-L-alanyl-N6-[[(2-chlorophenyl)methoxy]carbonyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



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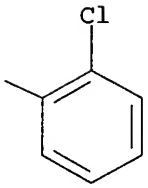
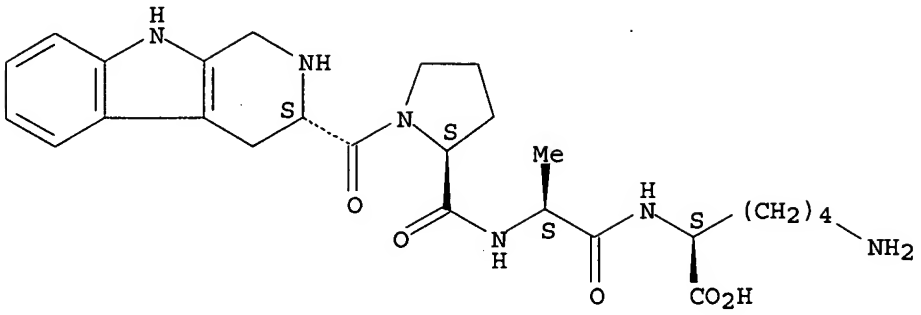


IT 666832-21-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of peptide-tetrahydrocarbolinecarboxylic acid conjugates as thrombolytic agents)
RN 666832-21-9 CAPLUS
CN L-Lysine, (3S)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-carbonyl-L-prolyl-L-alanyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

AB From the metabolism of H-Ala-Arg-Pro-Ala-Lys-OH, four metabolites, H-Pro-Ala-Lys-OH, H-Arg-Pro-Ala-Lys-OH, H-Ala-Arg-Pro-OH, and H-Ala-Arg-Pro-Ala-OH were identified. In order to find a new lead compound of thrombolytic peptide, 3S-1,2,3,4-tetrahydro-β-carboline-3-carboxylic acid was introduced to the N- and C-terminal of the metabolites by use of the common coupling strategy. Under this condition, the pseudopeptides were obtained with a good yield. The thrombolytic activities of 3S-1,2,3,4-tetrahydro-β-carboline-3-carboxylic acid containing oligopeptides were evaluated in vitro and in vivo. The result indicated that the thrombolytic activity of the pseudopeptide depended on the sequence and the modification pattern of the metabolites, and only when 3S-1,2,3,4-tetrahydro-β-carboline-3-carboxylic acid was introduced into the C-terminal of H-Pro-Ala-Lys-OH or H-Arg-Pro-Ala-Lys-OH, the desirable thrombolytic activity was retained and enhanced significantly.

AN 2004:114609 CAPLUS
DN 141:81672

TI Synthesis and Thrombolytic Activity of Carboline-3-carboxylic Acid Modified Metabolites of Ala-Arg-Pro-Ala-Lys

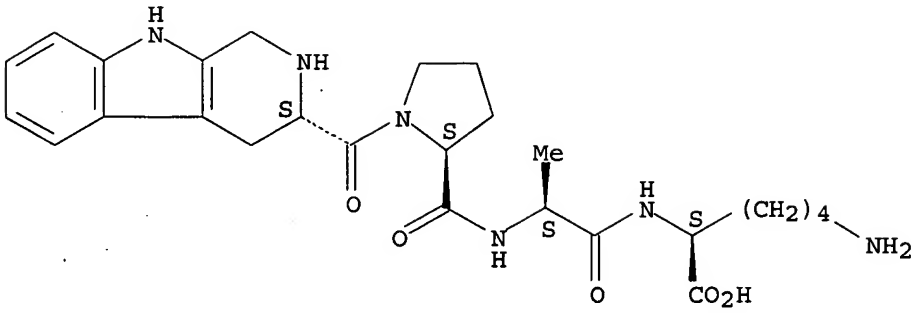
AU Zhao, Ming; Wang, Chao; Wu, Yanfen; Zhou, Kexiang; Peng, Shiqi
CS College of Pharmaceutical Sciences, Peking University, Beijing, Peop. Rep. China

SO Preparative Biochemistry & Biotechnology (2004), 34(1), 57-76
CODEN: PBBIF4; ISSN: 1082-6068
PB Marcel Dekker, Inc.
DT Journal
LA English
OS CASREACT 141:81672

IT 666832-21-9P 716338-49-7P
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(synthesis and thrombolytic activity of carboline-3-carboxylic acid modified metabolites of Ala-Arg-Pro-Ala-Lys)

RN 666832-21-9 CAPLUS
CN L-Lysine, (3S)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-carbonyl-L-prolyl-L-alanyl- (9CI) (CA INDEX NAME)

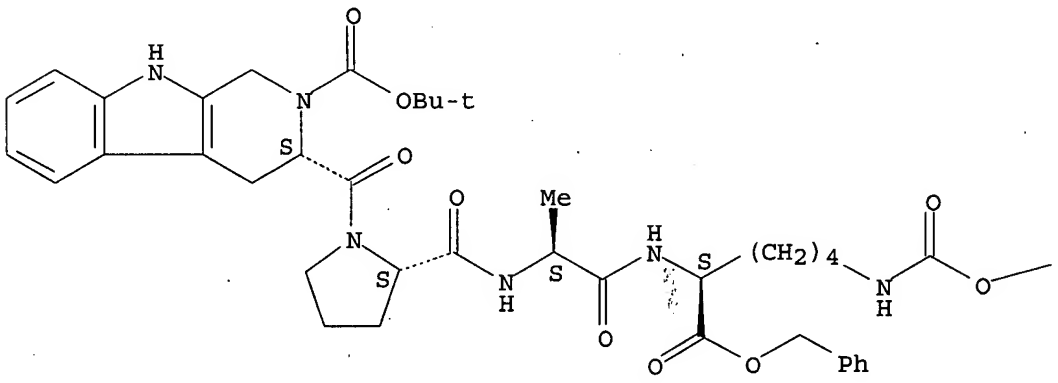
Absolute stereochemistry.



RN 716338-49-7 CAPLUS
CN L-Lysine, (3S)-2-[(1,1-dimethylethoxy)carbonyl]-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-carbonyl-L-prolyl-L-alanyl-N6-[(phenylmethoxy)carbonyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



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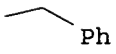


RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
AB This invention provides a process of liquid synthesis of fibrin degradation

product P6A derivs. The invention also provides a process of compound of P6A derivs. and carbolinecarboxylic acids. The compound can be used as antithrombics for treating coronary heart disease, brain thrombosis, myocardial infarction, cerebral embolism, lung embolism and venous thrombosis.

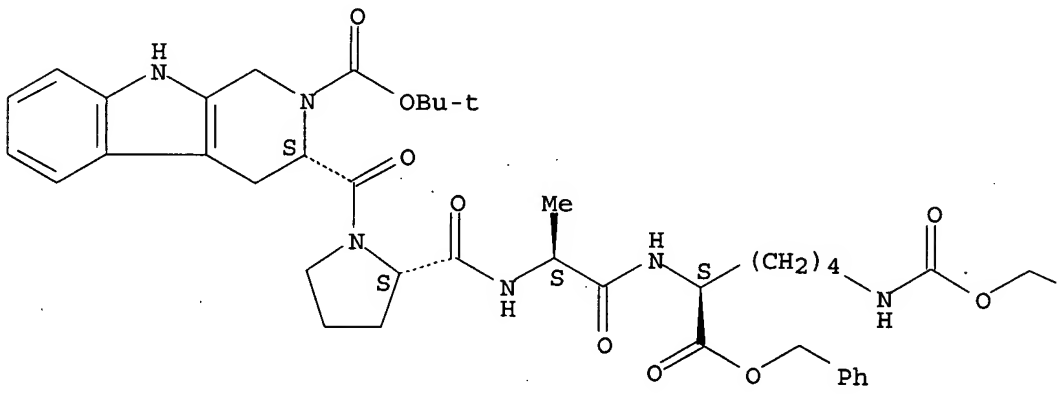
AN 2003:652809 CAPLUS
DN 140:231199
TI Synthesis of compounds of fibrin degradation product P6A derivatives and carbolinecarboxylic acid and their use as antithrombics
IN Peng, Shiqi; Zhao, Ming; Wang, Chao; Wu, Yanfang
PA Guangzhou Baiyunshan Pharmaceutical General Factory, Guangzhou Baiyunshan Pharmaceutical Co., Ltd., Peop. Rep. China
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 34 pp.
CODEN: CNXXEV
DT Patent
LA Chinese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1373139	A	20021009	CN 2002-100424	20020128
PRAI	CN 2002-100424		20020128		

IT 666832-04-8P 666832-21-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(synthesis of compds. of fibrin degradation product P6A derivs. and carbolinecarboxylic acid and their use as antithrombics)
RN 666832-04-8 CAPLUS
CN L-Lysine, (3S)-2-[(1,1-dimethylethoxy)carbonyl]-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-carbonyl-L-prolyl-L-alanyl-N6-[[(2-chlorophenyl)methoxy]carbonyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



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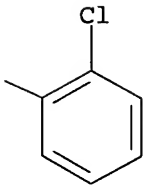
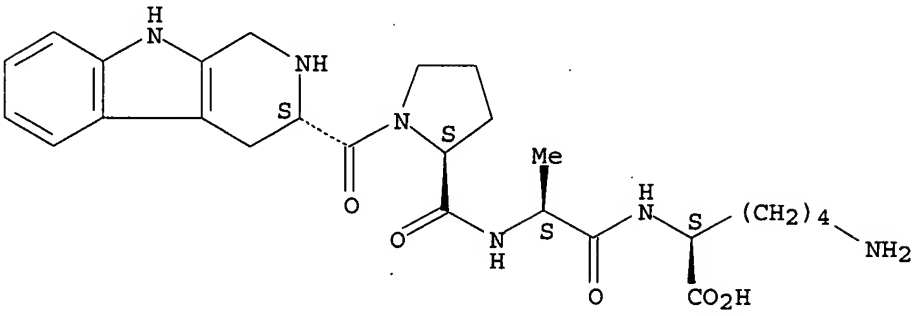


RN 666832-21-9 CAPLUS
CN L-Lysine, (3S)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-carbonyl-L-prolyl-L-alanyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
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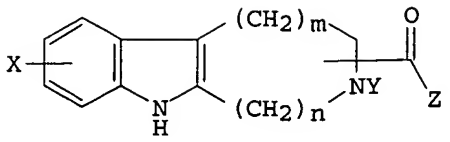

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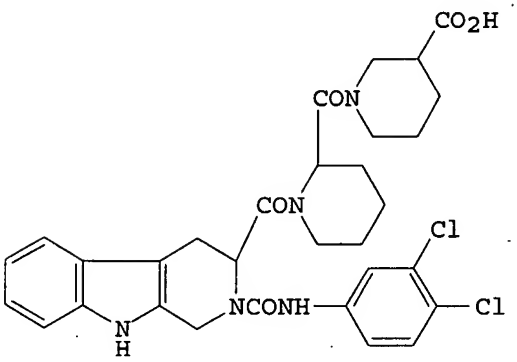


II

AB Title compds. [I; X = aryl; Y = H, alkyl, (substituted) aralkyl, acyl, aroyl, heterocyclylcarbonyl, carbamoyl, alkoxycarbonyl, aryloxycarbonyl, aralkoxycarbonyl; Z = (substituted) N-containing heterocyclyl, amino, amino acid residue, peptide residue, etc.; m = 0-3; n = 0-4], were prepared Thus, (3R)-2-tert-butoxycarbonyl-1,2,3,4-tetrahydro-9H-pyrido[3,4-b]indole-3-carboxylic acid in THF at -15° was treated with Et3N and N,N-bis[2-oxo-3-oxazolinyl]phosphorodiamidic chloride followed by stirring for 20 min. Benzyl N-(L-prolyl)nipecotate was added and the mixture was stirred overnight at ice temperature to give the amide, which was deprotected with CF3CO2H followed by acylation with 3,4-dichlorophenyl isocyanate and hydrogenolysis to give title compound II. II bound to CCk-A, CCK-B, and gastrin receptors with IC50's of 10, 0.111, and 0.026 μM, resp.

AN 1992:256054 CAPLUS

DN 116:256054

TI Preparation of peptide-linked 1,2,3,4-tetrahydro-9H-pyrido[3,4-b]indoles and related compounds as inhibitors of cholecystokinin and gastrin

IN Molino, Bruce F.; Darkes, Paul R.; Ewing, William R.

PA Rorer International (Holdings), Inc., USA

SO PCT Int. Appl., 94 pp.
CODEN: PIXXD2

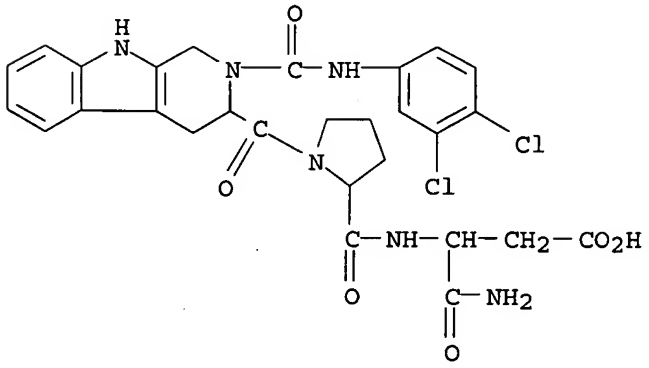
DT Patent

LA English

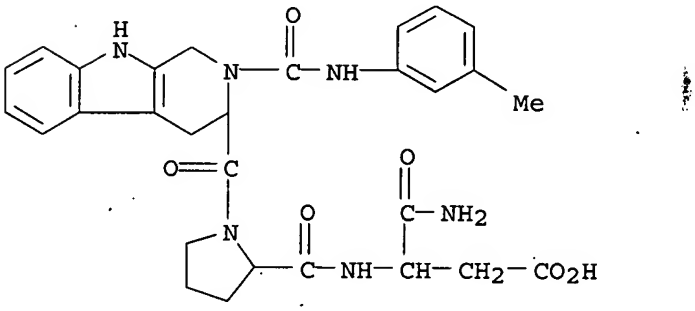
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9200295	A1	19920109	WO 1991-US4236	19910613
	W: AU, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	US 5162336	A	19921110	US 1990-573514	19900824
	CA 2068887	AA	19911222	CA 1991-2068887	19910613
	AU 9186116	A1	19920123	AU 1991-86116	19910613
	AU 640277	B2	19930819		
	EP 491943	A1	19920701	EP 1991-916717	19910613
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
PRAI	US 1990-542495	A	19900621		
	US 1990-573514	A2	19900824		
	WO 1991-US4236	A	19910613		

OS MARPAT 116:256054
IT 139985-19-6P 139985-36-7P 139986-23-5P
139986-31-5P 140148-66-9P 140148-67-0P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of, as cholecystokinin and gastrin antagonist)
RN 139985-19-6 CAPLUS
CN L-α-Asparagine, N2-[1-[[2-[[(3,4-dichlorophenyl)amino]carbonyl]-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indol-3-yl]carbonyl]-L-prolyl]-, (R)-(9CI) (CA INDEX NAME)

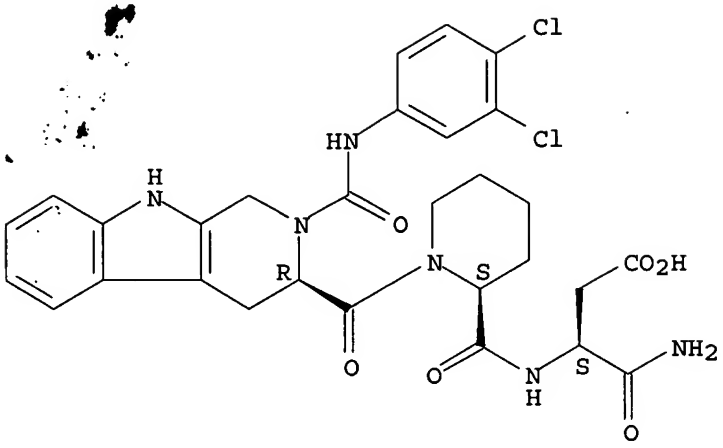


RN 139985-36-7 CAPLUS
CN L-α-Asparagine, N2-[1-[[2,3,4,9-tetrahydro-2-[[(3-methylphenyl)amino]carbonyl]-1H-pyrido[3,4-b]indol-3-yl]carbonyl]-L-prolyl]-, (R)- (9CI) (CA INDEX NAME)



RN 139986-23-5 CAPLUS
CN Butanoic acid, 4-amino-3-[[[1-[[2-[[(3,4-dichlorophenyl)amino]carbonyl]-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indol-3-yl]carbonyl]-2-piperidinyl]carbonyl]amino]-4-oxo-, [3R-[3R*[S*(S*)]]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 139986-31-5 CAPLUS
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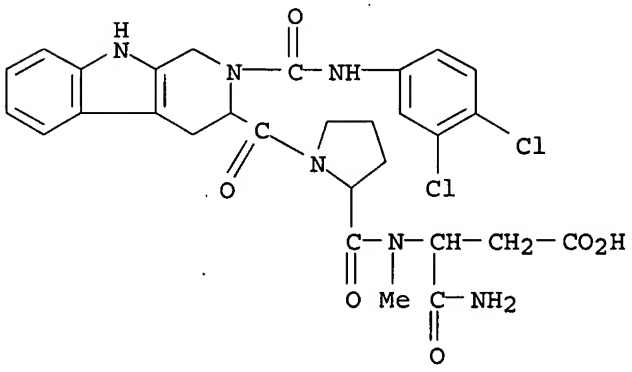
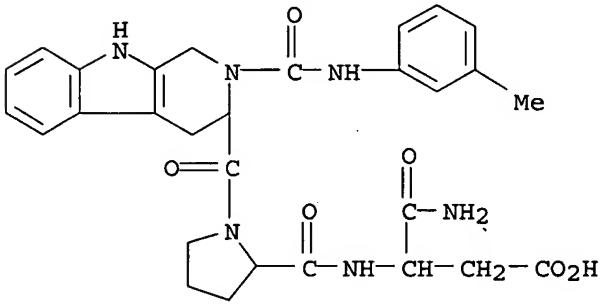
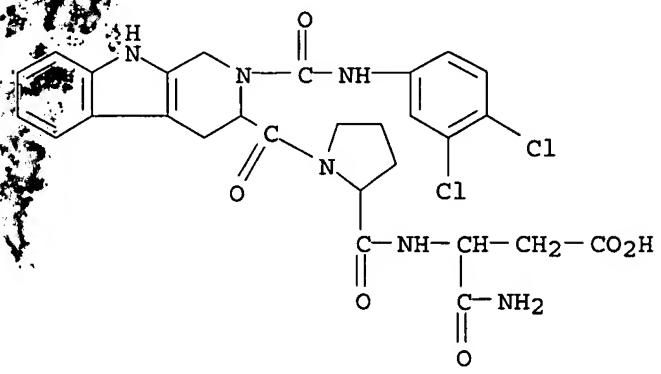


RN 140148-66-9 CAPLUS
CN D-α-Asparagine, N2-[1-[[2,3,4,9-tetrahydro-2-[[(3-methylphenyl)amino]carbonyl]-1H-pyrido[3,4-b]indol-3-yl]carbonyl]-D-prolyl]-, (S)- (9CI) (CA INDEX NAME)



RN 140148-67-0 CAPLUS
CN D-α-Asparagine, N2-[1-[[2-[[(3,4-dichlorophenyl)amino]carbonyl]-

2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indol-3-yl]carbonyl]-D-prolyl]-, (S)-
(9CI) (CA INDEX NAME)



=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	28.31	195.90

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.75	-3.75

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DICTIONARY FILE UPDATES: 6 NOV 2006 HIGHEST RN 912537-60-1

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L5 STRUCTURE UPLOADED

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L5                STR
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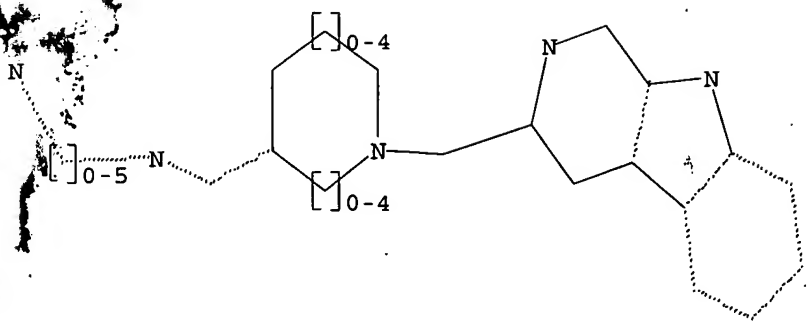

Structure attributes must be viewed using STN Express query preparation.

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100.0% PROCESSED       40 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
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PROJECTED ANSWERS:               0 TO        0

L6             0 SEA SSS SAM L5

=> s l5 ful
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SEARCH TIME: 00.00.01

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=> file caplus
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CA SUBSCRIBER PRICE                                   0.00      -3.75

FILE 'CAPLUS' ENTERED AT 15:01:25 ON 07 NOV 2006
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FILE LAST UPDATED: 6 Nov 2006 (20061106/ED)

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=> s l7
L8            5 L7

=> d his

     (FILE 'HOME' ENTERED AT 14:55:30 ON 07 NOV 2006)

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L4             5 S L3

     FILE 'REGISTRY' ENTERED AT 15:00:38 ON 07 NOV 2006
L5               STRUCTURE UPLOADED
L6             0 S L5
L7            15 S L5 FUL

     FILE 'CAPLUS' ENTERED AT 15:01:25 ON 07 NOV 2006
L8             5 S L7

=> s l8 not l4
L9             0 L8 NOT L4
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